

## Bear Paw Battlefield Bird Species List

Relative abundances of 53 bird species at Bear Paw Battlefield, Blaine County, Montana, from February 6, 1999 to December 14, 1999; 4 = abundant, 3 = common, 2 = uncommon or infrequent, 1 = rare; also shown are mean point count results and breeding status.

Species	Total # <sup>a</sup>	Birds/Count Period <sup>a</sup>	Density (Birds/ha) <sup>a</sup>	90% CI <sup>a</sup>	Total # <sup>b</sup>	% of total <sup>b</sup>	Abundance Category	Breeding Status <sup>c</sup>
American white pelican					2	0.4	2	M
Great blue heron					2	0.4	2	T
Canada goose					7	1.3	3	T
American wigeon					6	1.1	3	M
Mallard					22	4.2	4	L
Northern shoveler					1	0.2	2	M
Northern pintail					1	0.2	2	M
Bald eagle					1	0.2	2	M
Northern harrier	4	0.13	0.135	0.136	41	7.8	4	B
Red-tailed hawk <sup>d</sup>							1	T
Ferruginous hawk					5	0.9	2	B
Golden eagle <sup>d</sup>							1	T
Prairie falcon					1	0.2	2	M
Ring-necked pheasant					39	7.4	4	B
Sandhill crane					5	0.9	2	T
Killdeer <sup>d</sup>							1	T
Willet					4	0.8	2	M
Long-billed curlew					5	0.9	2	T
Wilson's snipe	1	0.03			7	1.3	3	T
Franklin's gull					2	0.4	2	M
California gull					8	1.5	3	M
Rock pigeon					41	7.8	4	B
Mourning dove	3	0.10	0.018	0.021	4	0.8	2	L
Great horned owl <sup>d</sup>							1	T
Short-eared owl					1	0.2	2	T
Hairy woodpecker <sup>d</sup>							1	M
Willow flycatcher	3	0.10	0.027	0.030	14	2.7	3	T
Eastern kingbird	9	0.30	0.091	0.069	20	3.8	4	B
Black-billed magpie					6	1.1	3	L
American crow					1	0.2	2	T
Horned lark <sup>d</sup>							1	T
Cliff swallow	8	0.27	0.056	0.055	24	4.6	4	T
Barn swallow					12	2.3	3	T
Black-capped chickadee <sup>d</sup>							1	M
Rock wren					1	0.2	2	M
House wren <sup>d</sup>							1	T
Ruby-crowned kinglet					1	0.2	1	M
American robin	1	0.03			6	1.1	3	T
Gray catbird	2	0.07	0.014	0.018	5	0.9	2	L
Sprague's pipit	3	0.10	0.035	0.039	25	4.7	4	B
Yellow warbler	3	0.10	0.042	0.046	14	2.7	3	B
Common yellowthroat	5	0.17	0.309	0.288	17	3.2	4	B
Wilson's warbler <sup>d</sup>							1	M
Spotted towhee	1	0.03			3	0.6	2	T
Clay-colored sparrow	24	0.80	5.522	3.269	42	8.0	4	B

Species	Birds/Count		Density		Abundance		Breeding	
	Total # <sup>a</sup>	Period <sup>a</sup>	(Birds/ha) <sup>a</sup>	90% CI <sup>a</sup>	Total # <sup>b</sup>	% of total <sup>b</sup>	Category	Status <sup>c</sup>
Vesper sparrow	5	0.17	0.092	0.084	16	3.0	3	B
Savannah sparrow	4	0.13	0.071	0.072	10	1.9	3	B
Baird's sparrow	1	0.03			1	0.2	1	L
Song sparrow	2	0.07			12	2.3	3	B
Red-winged blackbird	2	0.07	0.126	0.162	24	4.6	4	B
Western meadowlark	12	0.40	0.221	0.150	43	8.2	4	L
Brown-headed cowbird	5	0.17	0.077	0.077	11	2.1	3	T
American goldfinch	1	0.03			14	2.7	3	L

<sup>a</sup> Breeding season point count results (data truncated at 100 m). Sample sizes of one were too small for density analysis and were eliminated from the table.

<sup>b</sup> Total number recorded and percent of total based on unlimited distance point counts.

<sup>c</sup> B = Breeder; L = Likely Breeder; T = Transient; M = Migrant.

<sup>d</sup> Encountered outside of point counts.